

Date: Monday, 19/01/2009 2:09:47 PM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : GHW MEDIUM BELL
Job Number : 44919A	
Estimate Number : 12129	
P.O. Number :	Part Number : D412729041
This Issue : 19/01/2009 S.O. No. :	Drawing Number : DSK 092 REV B
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : LARGE FAB ASSY	Drawing Revision : B
Previous Run : 44918A	Material :
Written By :	Due Date : 20/02/2009 Qty: 2 Um: Each
Checked & Approved By : <u>Julie Dawson</u>	
Comment : Est Rev:E 05.04.13 LPS3 rust inhibitor added; Hardware P/N's changed KJ/JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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**Comment:** DOCUMENT CONTROL

If D412-729-041 is a W/O on it's own,
 Photocopy bluefile and create labels per PPP D412-729-041 CHG003

N/A

2.0	D27287	Dart Logo label
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**Comment:** Qty.: 0.0000 Each(s)/Unit Total : 0.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D2728-7 Label 22554

JS 09/01/29

3.0	D3233041	Wheel Assembly
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**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3233-041 Wheel Assembly B 45 005 → 4x

JS 09/01/29

4.0	D32331	Inside Washer
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**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3233-1 Inside Washer B 43447 → 3x
B 43625 → 1x

JS 09/01/29

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D32333

Outside Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3233-3 Outside Washer B42468 → 4x

SS 09/01/29 (X)

6.0

D33091

Label



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3309-1 Label 37078

SS 09/01/29 (X)

7.0

D33093

Label



Comment: Qty.: 2.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3309-3 Label 39445 x3
43600 x1

SS 09/01/29 (X)

8.0

D3330041

Frame Weldment



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3330-041 Frame Weldment B44881 x2

SS 09/01/29

9.0

D3331041

Handle Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3331-041 Handle Assembly 37082

SS 09/01/29 (X)

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

D3332041

Pin Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3332-041 Long Pin Assembly B44202 → 2x

SS 09/01/2009

11.0

D3332043

Pin Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3332-043 Short Pin Assembly B44244 → 2x

SS 09/01/2009

12.0

D33331

Base Plate Panel



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3333-1 Base Plate B43348 → 2x

SS 09/01/2009

13.0

D33333

Sliding Plate



Comment: Qty.: 2.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3333-3 Sliding Plate B43351 → 4x

B42472 → 2 B43350 → 2x

SS 09/01/2009

14.0

D33335

Rail



Comment: Qty.: 4.0000 Each(s)/Unit Total: 8.0000 Each(s)

Pick:

Qty Part Number Description Batch

4 D3333-5 Rail B43351 → 8x

SS 09/01/2009

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Job Number:



Seq. #:

Machine Or Operation:

Description :

15.0

D33341

Wheel Shaft



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3334-1 Wheel Shaft

44363

SS 09/01/2009 (x2)

16.0

D33351

Short Spring



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3335-1 Short Spring

B3159.3 → 22
35444

SS 09/01/2009 (x2)

17.0

D33353

Long Spring



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3335-3 Long Spring

45180 x2

SS 09/01/2009 (x2)

18.0

D33361

Jack



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3336-1 Jack

45362

SS 09/01/2009 (x2)

19.0

AN960JD416

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 AN960JD416 Washer

16523

SS 09/01/2009 (x2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Job Number: 44919A

Part Number: D412729041

Job Number:



Seq. #:

Machine Or Operation:

Description :

20.0

CP21

1/8" Cotter Pin 2" long



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 CP-21 1/8" Cotter Pin 2" long, Span

108200

JS 09/01/2009

21.0

HC12

1/4-20 UNC x 1" Hex Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 HC-12 1/4"-20 UNC x 1" long Hex Bolt, Span

16529

JS 09/01/2009

22.0

HC29

5/16-18 UNCx1.5 Hex Bolt



Comment: Qty.: 16.0000 Each(s)/Unit Total : 32.0000 Each(s)

Pick:

Qty Part Number Description Batch

16 HC-29 5/16"-18 UNC x 1.5" long Hex Bolt, Prof

M110611

M169923x11

JS 09/01/2009

23.0

HC153

3/8"-24UNFx1.25 Hex Bolt



Comment: Qty.: 8.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick:

Qty Part Number Description Batch

8 HC-153 3/8"-24 UNF x 1.25" long Hex Bolt, Span

110611

JS 09/01/2009

24.0

HN120

HEX SLOTTED NUT



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 HN-120 1" Slotted Nut, Prof

102150

JS 09/01/2009

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Job Number: 44919A

Part Number: D412729041

Job Number:



Seq. #:

Machine Or Operation:

Description :

25.0

HN177

5/16-18UNC Nylon LockNut



Comment: Qty.: 16.0000 Each(s)/Unit Total : 32.0000 Each(s)

Pick:

Qty Part Number Description Batch

16 HN-177 5/16"-18 UNC Nylon Lock Nut, Span

M116240

JS 09/01/2009

26.0

HX15

1/4-20 UNCx3/4 S.H.C.S.



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 HX-15 1/4"-20 UNC x 3/4" long S.H.C.S., Span

M108200

JS 09/01/2009

27.0

MS21042L5

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 MS21042L5 Nut (or -5)

109297

JS 09/01/2009

28.0

2333

1 1/4" Type B Washer



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 2333 1 1/4" Type B Flat Washer (Wide), Span

102150

JS 09/01/2009

29.0

18SNB

3/8" Lock Washer



Comment: Qty.: 8.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick:

Qty Part Number Description Batch

8 18-SNB3/8" Lock Washer, Span

116641

JS 09/01/2009

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Drawing Name: GHW MEDIUM BELL

Job Number: 44919A

Part Number: D412729041

Job Number:



Seq. #:

Machine Or Operation:

Description :

30.0

113803

1/8" PTF Grease Fitting



Comment: Qty.: 4.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 113-803 1/8" PTF Grease Fitting, Span

106512

JS 09/01/2009

31.0

516WC

SS Flat Washer 5/16



Comment: Qty.: 16.0000 Each(s)/Unit Total : 32.0000 Each(s)

Pick:

Qty Part Number Description Batch

16 5/16"WC Type B Flat Washer (Narrow), Prof

M16138

JS 09/01/2009

32.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Assemble as per Dwg DSK 092. Apply LPS3 heavy duty rust inhibitor & corrosion (Procyon). Inflate wheel assembly to 90 psi. Ensure that unit goes up and down smoothly after assembly. Install decals last.

JS 09/01/2009 (2x)

33.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

JS 09/01/2009 (x2)

34.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

PPP 44919

9/1/30

(2x)

SP

35.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/01/30

Job Completion



C209/01/30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

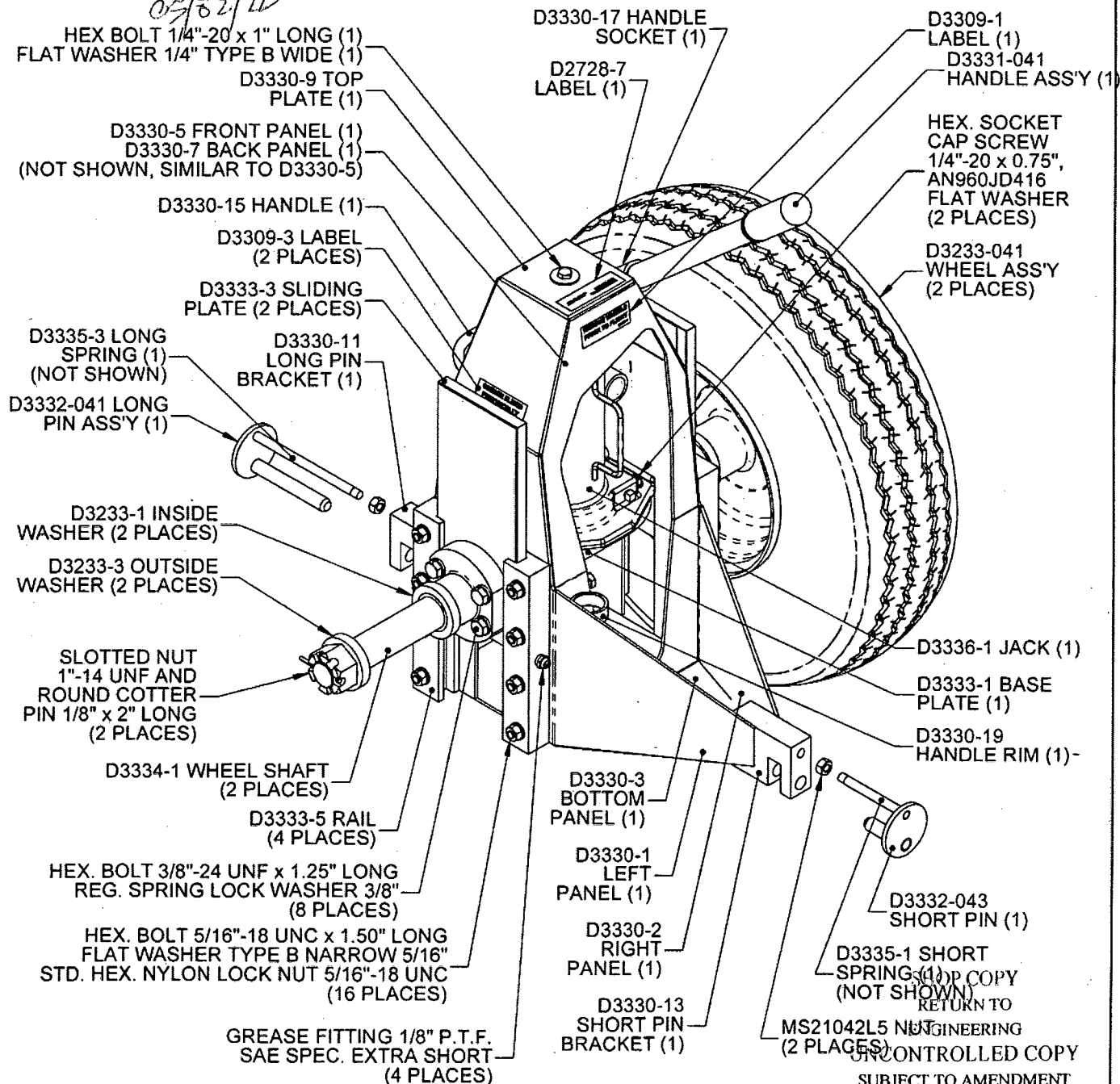
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DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSK 092	REV. B SHEET 1 OF 1
DATE 05.02.18		TITLE HYD. GROUND HANDLING	SCALE 1:5
A	04.12.06	NEW ISSUE	
B	05.02.18	REDESIGN TO FIT NEW WHEEL ASS'Y	

RELEASED
[Signature]
05/02/18



NOTE:

- 1) APPLY RUST INHIBITOR ON ALL PARTS AND AREAS NOT PROTECTED BY PAINT OR GREASE. RUST INHIBITOR POSSIBLE SUPPLIER: ACKLANDS-GRANGER INC., P/N LPSC30316.

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